

# Probiotic Yeast



## Ingredients:

**UltraCell** is a probiotic feed additive that contains a concentrated source of the beneficial live yeast *Saccharomyces cerevisiae* NCYC R404 for use in dairy cows.

**UltraCell** is only available from Volac through our network of distributors.

## Directions:

**Mill Pack:** Dairy cows. Add to premixtures or feeds to deliver 1-2g per head per day in the final ration.

**Farm Pack:** Dairy cows. Use 20g per head per day, or 500 - 1000g per ton of TMR depending on animal dry matter intake and ration dry matter content.

## Storage:

Store in a cool dry place. Use within 12 months of date of manufacture.

Available in both 25kg Farm Pack and 10kg Mill Pack formats.

For more information on **UltraCell** and the Volac range of products and services for ruminants please visit our comprehensive site at:

[volac.com](http://volac.com)



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Animal Nutrition



# UltraCell

PROBIOTIC YEAST



# Live Yeast

FOR PRODUCTIVITY AND PERFORMANCE

## ABOUT VOLAC

Volac is dedicated to developing cutting-edge product-based agricultural solutions and species-specific programs designed to support animal health and performance.

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# UltraCell

PROBIOTIC YEAST

Volac UltraCell is a live probiotic yeast, specifically selected for use in dairy nutrition; supporting the natural function of the rumen. It is registered for use in dairy cows.

## Benefits

- Potential to improve milk production
- Increases available energy
- Helps to stabilize rumen pH
- Metabolizes lactic acid
- Balances the microflora in the rumen
- Improves total volatile fatty acids (VFA)



## Role of Live Yeasts

Live yeast can break down sugars, challenge some pathogens and mycotoxins, and also aids rumen microbial health.

## UltraCell for Rumen Efficiency

The rumen functions best in a stable environment. Changes to the animal's external environment and routine can cause internal rumen instability due to temperature, water content, pH and flora population fluctuations.

UltraCell helps stabilize the rumen environment to enable the rumen flora to function more efficiently.

## UltraCell Live Yeast

Not all yeasts are the same. Unlike most available yeasts, which are by-products of the brewing and baking industry, UltraCell has been specifically selected for its ability to support ruminants.

UltraCell has been selected for its ability to control a number of metabolic pathways, in particular it has an ability to scavenge oxygen, is able to metabolize lactic acid and support fiber degrading bacteria.

*UltraCell is registered in the EU as a gut flora stabilizer in dairy cows.*



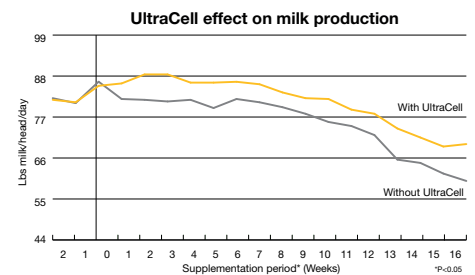
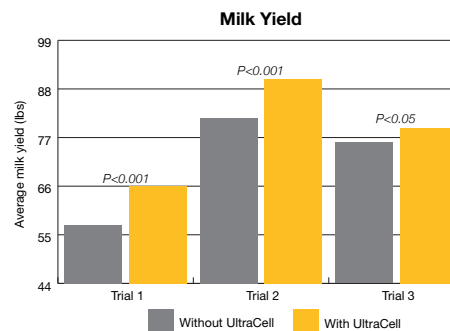
Live Yeast



## Trialled and Tested

Research was undertaken on commercial dairy herds to study the effects of UltraCell on Holstein dairy cows. Cows fed TMR with the addition of UltraCell had a significantly higher mean milk yield (fat corrected milk yield, milk protein content, total milk fat and total milk protein yield) than animals fed the same basal TMR with no UltraCell.

The average amount of extra milk gained was 2.7kg/head/day (5.97lbs/head/day).



Animal Microbiome and Nutritional Health Congress, Chicago 2020.